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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Lewis, Hal A

Serial No.: 09/729,838

Group Art Unit: To be assigned

Filed: December 4, 2000

Examiner: To be assigned

For: Crystals and Structures of Luxs

Attorney Docket No.: 10342-012-999

**PRELIMINARY AMENDMENT UNDER 37 CFR §1.115**

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In accordance with the Rules of Practice, please enter the following amendments and consider the remarks below prior to the examination of the above-captioned application.

**AMENDMENT**

**IN THE SPECIFICATION**

On page 5, please replace the paragraph beginning, "FIG. 1 provides a structure-based sequence alignment of LuxS proteins..." with the following paragraph:

FIG. 1 provides a structure-based sequence alignment of LuxS proteins, H. pylori LuxS (SEQ ID NO: 1), D. radiodurans LuxS (SEQ ID NO: 3), H. influenzae LuxS (SEQ ID NO: 2), C. Jejuni LuxS (SEQ ID NO: 4), B. burgdorferi LuxS (SEQ ID NO: 5), C. perfringens LuxS (SEQ ID NO: 6), N. meningitidis LuxS (SEQ ID NO: 7), S. typhimurium LuxS (SEQ ID NO: 8), V. harveyi LuxS (SEQ ID NO: 9), E.coli LuxS (SEQ ID NO: 10), V. cholerae LuxS (SEQ ID NO: 11), B. subtilis LuxS (SEQ ID NO: 12), and B. halodurans LuxS (SEQ ID NO: 13).